UNITED STATES DEPARTMENT OF COMMERCY United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

4

7590

12/17/2004

Daniel D. Ryan Ryan Kromholz & Manion Post Office Box 26618 Milwaukee, WI 53226 EXAMINER
STEWART, ALVIN J

SIEWAKI, ALVIN

PAPER NUMBER

ART UNIT

DATE MAILED: 12/17/2004

| 1 | APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----------------|-------------|----------------------|---------------------|------------------|
| | 09/666 617 | 09/20/2000 | John A. Macoviak | 9542.18424 | 5687 |

TITLE OF INVENTION: HEART VALVE ANNULUS DEVICE AND METHOD OF USING SAME

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$700 | \$0 | \$700 | 03/17/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address: and/or (b) indicating a separate "FEE ADDRESS" for

| maintenance fee notification | | | | <u> </u> | f mailing can only be used for | |
|--|---|--|--|--|---|--|
| | · | , | | Fee(s) Transmittal. T | f mailing can only be used for his certificate cannot be used it | for any other accompanying |
| 75 | 590 12/17/2004 | | | have its own certifica | nal paper, such as an assignmente of mailing or transmission. | int or formal drawing, must |
| Daniel D. Ryan Ryan Kromholz & Post Office Box 26 Milwaukee, WI 53: | 618 | | | Co I hereby certify that the States Postal Service addressed to the Matransmitted to the US | ertificate of Mailing or Trans this Fee(s) Transmittal is being with sufficient postage for fir ail Stop ISSUE FEE address PTO (703) 746-4000, on the d | mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below. |
| wiiiwaakee, wi 33. | 220 | | ĺ | | | (Depositor's name) |
| | | | | | • | (Signature) |
| | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | FIRS | ST NAMED INVENT | TOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 09/666,617 | 09/20/2000 | | John A. Macoviak | | 9542.18424 | 5687 |
| TITLE OF INVENTION: H | EART VALVE ANNULUS | DEVICE AND METH | OD OF USING S | AME | | |
| | | | | | | |
| | | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PU | BLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | YES | \$700 | | \$0 | \$700 | 03/17/2005 |
| EXAM | IINER | ART UNIT | CL. | ASS-SUBCLASS |] | |
| STEWART | Γ, ALVIN J | 3738 | | 623-002110 | • | |
| 1. Change of correspondence CFR 1.363). | e address or indication of "Fo | | | ne patent front page, | | |
| Change of correspond Address form PTO/SB/12 | dence address (or Change of 22) attached. ion (or "Fee Address" Indicator more recent) attached. Use | Correspondence (2) | or agents OR, altern 2) the name of a si | ingle firm (having as or agent) and the na attorneys or agents. I | a member a 2 | · · · · · · · · · · · · · · · · · · · |
| 3. ASSIGNEE NAME AND | RESIDENCE DATA TO B | E PRINTED ON THE | PATENT (print or | type) | · | |
| PLEASE NOTE: Unless recordation as set forth in | an assignee is identified be 37 CFR 3.11. Completion | elow, no assignee data of this form is NOT a s | will appear on th substitute for filing | e patent. If an assig an assignment. | nee is identified below, the d | ocument has been filed for |
| (A) NAME OF ASSIGN | EE | (B) RE | ESIDENCE: (CITY | and STATE OR CC | OUNTRY) | |
| • | | | | | | |
| | | | | | | _ |
| | assignee category or catego | • | <u> </u> | Individual (| Corporation or other private gro | oup entity Government |
| 4a. The following fee(s) are | enclosed: | | yment of Fee(s): | . 64 6 (): | | |
| ☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed. ☐ Publication Fee (No small entity discount permitted) ☐ Payment by credit card. Form PTO-2038 is attached. | | | | | | |
| Advance Order - # of | | | Payment by credit card. Form P10-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to | | | |
| - ravance order - n or | Copies | Dep | posit Account Nun | iber | (enclose an extra co | opy of this form). |
| _ ` . | (from status indicated above | , | | | | |
| | MALL ENTITY status. See | | | | ALL ENTITY status. See 37 Cl | |
| NOTE: The Issue Fee and Printerest as shown by the reco | ublication Fee (if required) vords of the United States Pate | vill not be accepted from ent and Trademark Offi | m anyone other the | an the applicant; a reg | sly paid issue fee to the applica gistered attorney or agent; or the | tion identified above. |
| Authorized Signature | | | | Date | | |
| Typed or printed name | | | Registration No. | | | |
| This collection of information application. Confidential submitting the completed aphis form and/or suggestions | on is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT for reducing this burden, sh | 11. The information is 122 and 37 CFR 1.14. O. Time will vary dependent of the China and the China a | required to obtain. This collection is ending upon the injection Of | or retain a benefit by estimated to take 12 dividual case. Any c ficer, U.S. Patent and | the public which is to file (and minutes to complete, includin omments on the amount of tir I Trademark Office, U.S. Depa | by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce P.O. |

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. FILING DATE | | LING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|-----------------------------------|------|------------|----------------------|------------------------|---------------------------------------|--|
| 09/666,617 09/20/2000 | | 09/20/2000 | John A. Macoviak | 9542.18424 | 5687 | |
| | 7590 | 12/17/2004 | | EXAM | INER | |
| Daniel D. Ryan Ryan Kromholz & | | 1 | STEWART | STEWART, ALVIN J | | |
| Post Office Box 2 | | • | | ART UNIT | PAPER NUMBER | |
| Milwaukee, WI 5 | 3226 | | | 3738 | · · · · · · · · · · · · · · · · · · · | |
| | | | | DATE MAN ED: 12/12/200 | 4 | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.